MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2022/2023 (TERM 2215)

DAC5614 – COMPUTER & SOFTWARE APPLICATIONS

(All sections/Groups)

19 DECEMBER 2022
9.00 a.m. – 11.00 a.m.
(2 Hours)

INSTRUCTIONS TO STUDENT

1. This question paper consists of 6 pages with 2 sections.

2. Attempt **ALL** questions in Section A and Section B. The distribution of the marks for each question is given.

3. Please write all your answers for Section A on the OMR form provided and all answers for Section B in the Answer Booklet provided.

SECTION A: Multiple Choice Questions (30 Marks)

1. Which of the following is **NOT** an input device?
   A. Touch screen monitor
   B. Wireless mouse
   C. Keyboard
   D. Printer

2. All of the following are located on the motherboard **EXCEPT** _____.
   A. CPU
   B. ROM
   C. RAM
   D. DVD drive

3. _____ is a measurement of machine cycles per second.
   A. Hertz
   B. Gigabyte
   C. Cores
   D. Quadcore

4. Applications software that run over the internet is referred to as _____.
   A. Software as a Service (SaaS)
   B. proprietary software
   C. open-source software
   D. freemium

5. Software that allows an individual to track financial transactions is called _____.
   A. project management apps
   B. tax planning software
   C. spreadsheet
   D. personal financial software

6. _____ software is used to create and edit documents such as research papers, class notes, and resumés.
   A. Spreadsheet
   B. Database
   C. Word processing
   D. Presentation

7. The _____ of an operating system enables users to interact with the computer system.
   A. user interface
   B. network adapter card
   C. peripheral
   D. HDMI

Continued ...

8. The _____ is represented by an icon is where files deleted from the hard drive reside until you permanently remove them from your system.
   A. windows
   B. basket
   C. recycle bin
   D. desktop

9. Each device attached to your computer comes with a special program called a _____ that facilitates communication between the device and the OS.
   A. power on self-test
   B. device driver
   C. basic input output system
   D. installer

10. _____ is a technique that allows the CPU to work on more than one instruction at the same time.
   A. Thrashing
   B. Paging
   C. Pipelining
   D. Ripping

11. The CPU consists of _____.
   A. arithmetic logic unit and the front side bus
   B. control unit and the arithmetic logic unit
   C. control unit and the front side bus
   D. cache memory and SSD storage

12. Which of the following is **NOT** a permanent storage option?
   A. Optical drive
   B. Random Access Memory
   C. Internal hard drive
   D. Solid-state drive

13. All of the followings are different types of e-readers **EXCEPT** _____.
   A. Kindle
   B. iBook
   C. Nook
   D. Electronic-spelling

14. _____ property is a product of a person's mind and is usually considered an expression of human creativity.
   A. Abstract
   B. Intellectual
   C. Tangible
   D. Personal

Continued ...

15. The term _____ refers to the use of a single unifying device that handles media, Internet, entertainment, and telephone needs.
    A. digital convergence
    B. mobile technology centre
    C. telco provider
    D. backbone

16. The Nike logo would be considered a _____.
    A. copyright
    B. service mark
    C. patent
    D. trademark

17. _____ enables copyright holders to grant certain rights to the work.
    A. Copyleft
    B. Trade dress
    C. Protection
    D. Rights

18. To protect an ownership of a movie, what category of intellectual property should be used?
    A. Copyright
    B. Trademark
    C. Service mark
    D. Patent

19. _____ is a professional, business-oriented social networking site.
    A. Flickr
    B. Twitter
    C. LinkedIn
    D. Pinterest

20. All the following are tips for professional e-mail etiquette **EXCEPT** _____.
    A. be concise and to the point
    B. use spell-checker and proofread before sending
    C. use abbreviations such as "u," "r," and "BRB" to keep the e-mail message shorter
    D. include a meaningful subject line

21. _____ system requires a program, such as Microsoft Outlook, to be installed on your computer.
    A. Web-based e-mail
    B. Desktop client e-mail
    C. E-mail server
    D. Browser e-mail

Continued ...

22. Which of the following is the feature in smartphone that provides exact position of location?
    A. GPS
    B. Flight mode
    C. Bluetooth
    D. Compass

23. In the URL https://www.mmu.edu.my/fob/, which part is considered as the domain name?
    A. https://
    B. /fob
    C. .my
    D. www.mmu.edu.my

24. _____ are specially coded elements that let you jump from one web page to another within the same website or to another site altogether.
    A. Hyperlinks
    B. Browser
    C. Main page
    D. Bookmark

25. Which of the following is referred to individuals who use computers, networks, and the Internet to commit cybercrime?
    A. Cybercriminals
    B. End user
    C. Desktop user
    D. Technologist

26. A hacker that illegally breaks into systems to look for vulnerabilities of the system and request some fees to fix the issues they find is called _____.
    A. white-hat hacker
    B. grey-hat hacker
    C. black-hat hacker
    D. chrome-hat hacker

27. _____ is any technique using social skills to generate human interaction with the purpose of luring individuals to reveal sensitive information.
    A. Packet filtering
    B. Outsourcing
    C. Cookies
    D. Social engineering

Continued ...

28. All the following statements describe spyware **EXCEPT** _____.
    A. Spyware transmits information about you
    B. Many spyware programs use tracking cookies
    C. Software that is available free of charge and often distributed informally for evaluation, after which a fee may be requested for continued use
    D. A keystroke logger program monitors keystrokes

29. A device that reads a unique personal characteristic such as a fingerprint or the iris pattern in your eye and converts it to a digital code is referred to as _____.
    A. biometric authentication device
    B. biology device
    C. biochemical device
    D. sensor

30. _____ floods a computer with requests until it shuts down and refuses to answer any requests for information.
    A. A trojan horse
    B. A polymorphic virus
    C. A DDoS attack
    D. Pretexting

(Total: 30 marks)

Continued ...

SECTION B: Structured Questions (70 Marks)

QUESTION 1

(a) Explain **THREE (3)** types of display screens technology. (6 marks)

(b) Describe differences between ***full installation*** and ***custom installation*** software on a local computer. (4 marks)

(c) Discuss **FIVE (5)** tips to make a great presentation using a presentation software. (10 marks)

(Total: 20 marks)

QUESTION 2

(a) Define **THREE (3)** primary functions of operating systems. Give **ONE (1)** example of operating system used for personal computer. (7 marks)

(b) Explain the operating system used for machines and network computers. (4 marks)

(c) Discuss the needs for the following types of computer users:
(i) Casual users (3 marks)
(ii) Power users (3 marks)
(iii) Mobile users (3 marks)

(Total: 20 marks)

QUESTION 3

(a) State **FIVE (5)** factors that determine image quality. Give **TWO (2)** examples of image file formats. (6 marks)

(b) Describe **TWO (2)** options for printing digital photos with their benefits. (4 marks)

(c) Define social networking. Discuss **FOUR (4)** precautions to be considered as you use social networking site. (10 marks)

(d) Discuss **FIVE (5)** features of Internet cookies. (10 marks)

(Total: 30 marks)

End of Paper